

REMARKS

At the outset, the Examiner is thanked for the thorough review and consideration of the pending application. The Office Action dated January 30, 2006, has been received and its contents carefully reviewed.

Claims 8-14 are withdrawn in this application. Claims 1-6 and 15-20 are rejected to by the Examiner. Claims 1, 4 and 15 have been amended. Claims 1-6 and 15-20 remain pending in this application.

In the Office Action, claims 1, 2, 4-6 and 15-20 are rejected under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 6,259,119 to Ahn et al. (hereinafter "Ahn"). Claims 1-4 and 6 are rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Publication No. 2002/0130324 to Song et al. (hereinafter "Song") in view of Japanese Publication No. 10-199827 to Miyagawa et al. (hereinafter "Miyagawa"). Claims 15-20 are rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 6,081,308 to Jeong et al. (hereinafter "Jeong") in view of Miyagawa.

The rejection of claims 1-6 and 15-20 is respectfully traversed and reconsideration is requested. Claims 1-6 and 15-20 are allowable over the cited references in that each of these claims recites a combination of elements including, for example, "the heat generated alloy layer is exposed to the surface of a first metal layer and directly connected to the transparent electrode." None of the cited references including Ahn, Song, Miyagawa, and Jeong, singly or in combination, teaches or suggests at least this feature of the claimed invention.

Ahn teaches a third layer formed from an alloy layer, but the alloy layer is located between a first layer and a second layer. Ahn does not have the heat generated alloy layer directly connected to the transparent electrode. Song, Miyagawa, and Jeong teach a dual layer structure, but they fail to teach or suggest a heat treated alloy exposed to the surface of a first metal layer. Accordingly, Applicant respectfully submits that claims 1-6 and 15-20 are allowable over the cited references.


Applicants believe the foregoing amendments place the application in condition for allowance and early, favorable action is respectfully solicited.

If for any reason the Examiner finds the application other than in condition for allowance, the Examiner is requested to call the undersigned attorney at (202) 496-7500 to discuss the steps necessary for placing the application in condition for allowance. All correspondence should continue to be sent to the below-listed address.

If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. § 1.136, and any additional fees required under 37 C.F.R. § 1.136 for any necessary extension of time, or any other fees required to complete the filing of this response, may be charged to Deposit Account No. 50-0911. Please credit any overpayment to deposit Account No. 50-0911. *A duplicate copy of this sheet is enclosed.*

Respectfully submitted,

Dated: May 1, 2006

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